

# PROJECT 10073 RECORD CARD

1. DATE <b>20 Apr 64</b>		2. LOCATION <b>Big Bend Natl. Park, Texas</b>		12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon <input type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft <input type="checkbox"/> Was Astronomical <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical <input checked="" type="checkbox"/> Other <b>ECHO II</b> <input type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown	
3. DATE-TIME GROUP Local <b>2200</b> GMT <b>21/ 0400Z</b>		4. TYPE OF OBSERVATION <input checked="" type="checkbox"/> Ground-Visual <input type="checkbox"/> Ground-Radar <input type="checkbox"/> Air-Visual <input type="checkbox"/> Air-Intercept Radar			
5. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		6. SOURCE <b>Civilian</b>			
7. LENGTH OF OBSERVATION <b>15-30 minutes</b>		8. NUMBER OF OBJECTS <b>one</b>		9. COURSE <b>Southerly</b>	
10. BRIEF SUMMARY OF SIGHTING  <b>Solid object observed on bright clear dry night. Appeared as a light. Same as star. Disappeared behind mountain peak. No blinking, like planet. Used BX. Observed in West at about 15 deg elevation. Object moving to South.</b>				11. COMMENTS  <b>ECHO II moving SE at 9:11 PM moving- SE at 15 deg elevation to the West of the observer. Object with Satellite characteristics. Only fact not in accord with observation is duration. Possible overestimation on this one element.</b>	



30. Have you ever seen this, or a similar object before: If so give date or dates and location.

most recalled

31. Was anyone else with you at the time you saw the object? (Circle One) Yes ☐ No ☒

31.1 IF you answered YES, did they see the object too? (Circle One)      Yes      No

**31.2 Please list their names and addresses:**

32. Please give the following information about yourself:

NAME \_\_\_\_\_  
Last Name First Name Middle Name

ADDRESS 1001 H 17th 110 TEXAS

Street City Zone State

TELEPHONE NUMBER [REDACTED] AGE 29 SEX Male

Indicate any additional information about yourself, including any special experience, which might be pertinent.

Concerning Astronomy at U. of Missouri.  
~~Concerning~~ Concerning moving planets, stars, etc. as seen in relation to other stars & planets. This object seemed to be the subject to be the subject of a planet the distance necessary for such long time in transit.

33. When and to whom did you report that you had seen the object?

21      April      1964  
Day      Month      Year

Day Month Year

Dr. A. Thomas L. Brown, Boston → in company with a full  
with the Massachusetts Department of Education



34. Date you completed this questionnaire:

Day

Month

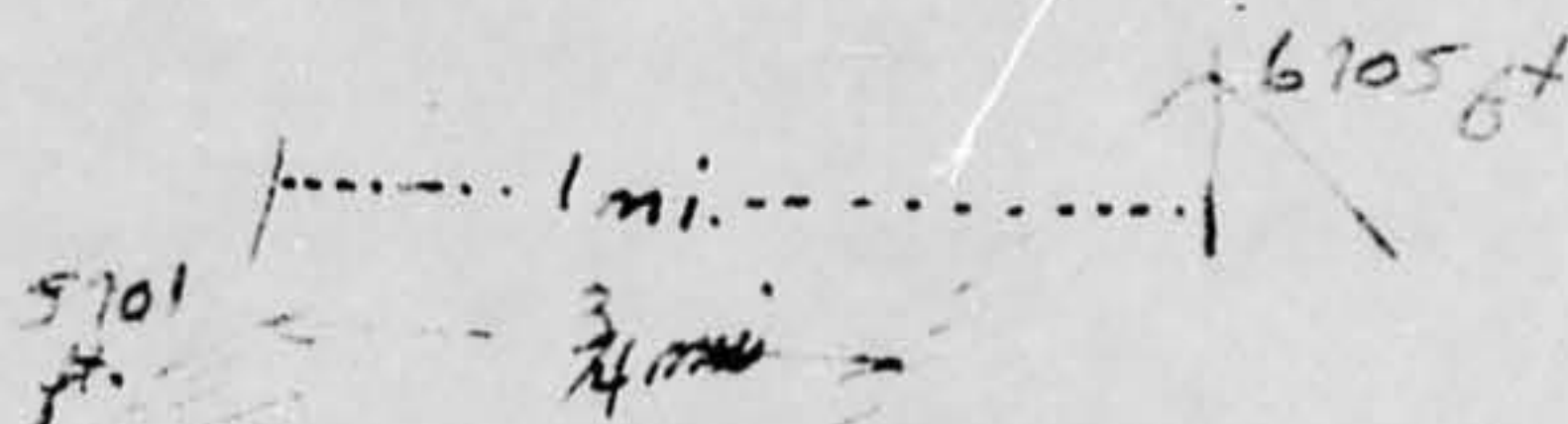
Year

35. Information which you feel pertinent and which is not adequately covered in the specific points of the questionnaire or a narrative explanation of your sighting.

Unfortunately my time in most places was  
 so short that the object was moving at the time  
 and had watched it for a few minutes before  
 I thought to time it.

I was situated some 1/2 mile in the "barren"  
 of the Chisos Mts. To the west, there ~~was~~ two  
 prominent peaks ~~1 1/2~~ <sup>1 1/4</sup> miles from me. I was at  
 an elevation of 5060 ft., the north  
 peak is 6705 ft., and the south peak 5701 ft.  
 The object disappeared near the summit of the  
 south peak. (See sketch below ?)

and south mountain and 3/4 mi. west.  
 Vernon Bailey Mts.



(Distance & elevation from U.S. Geol. Surv. map,  
 Chisos Mts. quadrangle)



20 APR

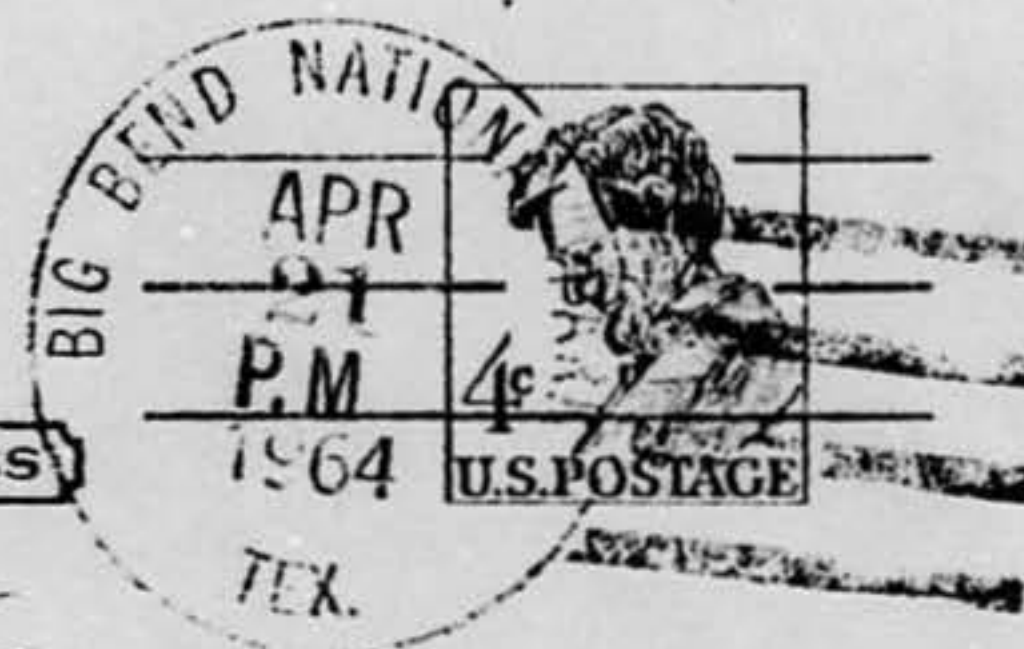
Dear Sirs:

Sam and the C. M. Taylor & Co. (Misses) W. W.  
last night at 11:30. The north-west  
movement was fairly rapid. But too  
slow for an aircraft. It is now being  
formed into a line of sight.

~~XXXXXXXXXXXXXXXXXXXX~~  
~~XXXXXXXXXXXXXXXXXXXX~~

Very truly yours

THIS SIDE OF CARD IS FOR ADDRESS



UNF      SAC I  
Operation Blueback  
L. L. Ligon  
Washington DC

D.A. F.B.I.  
4/21/64

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## U.S. AIR FORCE TECHNICAL INFORMATION

This questionnaire has been prepared so that you can give the U.S. Air Force as much information as possible concerning the unidentified aerial phenomenon that you have observed. Please try to answer as many questions as you possibly can. The information that you give will be used for research purposes. Your name will not be used in connection with any statements, conclusions, or publications without your permission. We request this personal information so that if it is deemed necessary, we may contact you for further details.

1. When did you see the object?

20 April 1964  
Day Month Year

2. Time of day: 10:20 00  
Hour Minutes

(Circle One): A.M. or P.M.

3. Time Zone:

(Circle One): a. Eastern  
b. Central  
c. Mountain  
d. Pacific  
e. Other

(Circle One): a. Daylight Saving  
b. Standard

CST time was sometimes given in 2 lines

4. Where were you when you saw the object?

Guiso Mountains Basin San Bend National Park Texas  
Nearest Postal Address City or Town State or County

5. How long was object in sight? (Total Duration)

0 15-30 min  
Hours Minutes Seconds

a. Certain c. Not very sure  
b. Fairly certain d. Just a guess

5.1 How was time in sight determined?

time between departure from "basin" and arrival at campground on foot.

5.2 Was object in sight continuously?

Yes ✓ No —

6. What was the condition of the sky?

DAY  
a. Bright  
b. Cloudy

NIGHT  
a. Bright  
b. Cloudy

7. IF you saw the object during DAYLIGHT, where was the SUN located as you looked at the object?

(Circle One): a. In front of you d. To your left  
b. In back of you e. Overhead  
c. To your right f. Don't remember



8. IF you saw the object at NIGHT, what did you notice concerning the STARS and MOON?

**8.1 STARS (Circle One):**

- a. None  
b. A few  
c. Many  
d. Don't remember

### 8.2 MOON (Circle One):

- a. Bright moonlight
- b. Dull moonlight
- c. No moonlight – pitch dark
- d. Don't remember *whether*

9. What were the weather conditions at the time you saw the object?

**CLOUDS (Circle One):**

- a. Clear sky
- b. Hazy
- c. Scattered clouds
- d. Thick or heavy clouds

**WEATHER (Circle One):**

- a. Dry
- b. Fog, mist, or light rain
- c. Moderate or heavy rain
- d. Snow
- e. Don't remember

10. The object appeared: (Circle One):

- a. Solid  
b. Transparent  
c. Vapor  
d. As a light  
e. Don't remember

11. If it appeared as a light, was it brighter than the brightest stars? (Circle One):

- a. Brighter  
b. Dimmer  
c. About the same  
d. Don't know

### 11.1 Compare brightness to some common object:

12. The edges of the object were:

(Circle One): a. Fuzzy or blurred  
b. Like a bright star  
c. Sharply outlined  
d. Don't remember

e. Other \_\_\_\_\_

13. Did the object:

(Circle One for each question)

- a. Appear to stand still at any time?
- b. Suddenly speed up and rush away at any time?
- c. Break up into parts or explode?
- d. Give off smoke?
- e. Change brightness?
- f. Change shape?
- g. Flash or flicker?
- h. Disappear and reappear?

- [illegible]



14. Did the object disappear while you were watching it? If so, how?

*Only when it passed from view behind a peak*

15. Did the object move behind something at any time, particularly a cloud?

(Circle One):

Yes

No

Don't Know.

IF you answered YES, then tell what

it moved behind:

*a peak*

16. Did the object move in front of something at any time, particularly a cloud?

(Circle One):

Yes

No

Don't Know.

IF you answered YES, then tell what

in front of:

17. Tell in a few words the following things about the object:

a. Sound

*none*

b. Color

*it's like a planet-like (no "ring")*

18. We wish to know the angular size. Hold a match stick at arm's length in line with a known object and note how much of the object is covered by the head of the match. If you had performed this experiment at the time of the sighting, how much of the object would have been covered by the match head?

19. Draw a picture that will show the shape of the object or objects. Label and include in your sketch any details of the object that you saw such as wings, protrusions, etc., and especially exhaust trails or vapor trails.

Place an arrow beside the drawing to show the direction the object was moving.

*star or planet-like*



20. Do you think you can estimate the speed of the object?

(Circle One)

Yes

No

IF you answered YES, then what speed would you estimate? \_\_\_\_\_

21. Do you think you can estimate how far away from you the object was?

(Circle One)

Yes

No

IF you answered YES, then how far away would you say it was? \_\_\_\_\_

22. Where were you located when you saw the object?

(Circle One):

- a. Inside a building
- b. In a car
- c. Outdoors
- d. In an airplane (type)
- e. At sea
- f. Other \_\_\_\_\_

23. Were you (Circle One)

- a. In the business section of a city?
- b. In the residential section of a city?
- c. In open countryside?
- d. Near an airfield?
- e. Flying over a city?
- f. Flying over open country?
- g. Other \_\_\_\_\_

24. IF you were MOVING IN AN AUTOMOBILE or other vehicle at the time, then complete the following questions:

24.1 What direction were you moving? (Circle One)

- |              |              |              |              |
|--------------|--------------|--------------|--------------|
| a. North     | c. East      | e. South     | g. West      |
| b. Northeast | d. Southeast | f. Southwest | h. Northwest |

24.2 How fast were you moving? \_\_\_\_\_ miles per hour.

24.3 Did you stop at any time while you were looking at the object?

(Circle One)

Yes

No

25. Did you observe the object through any of the following?

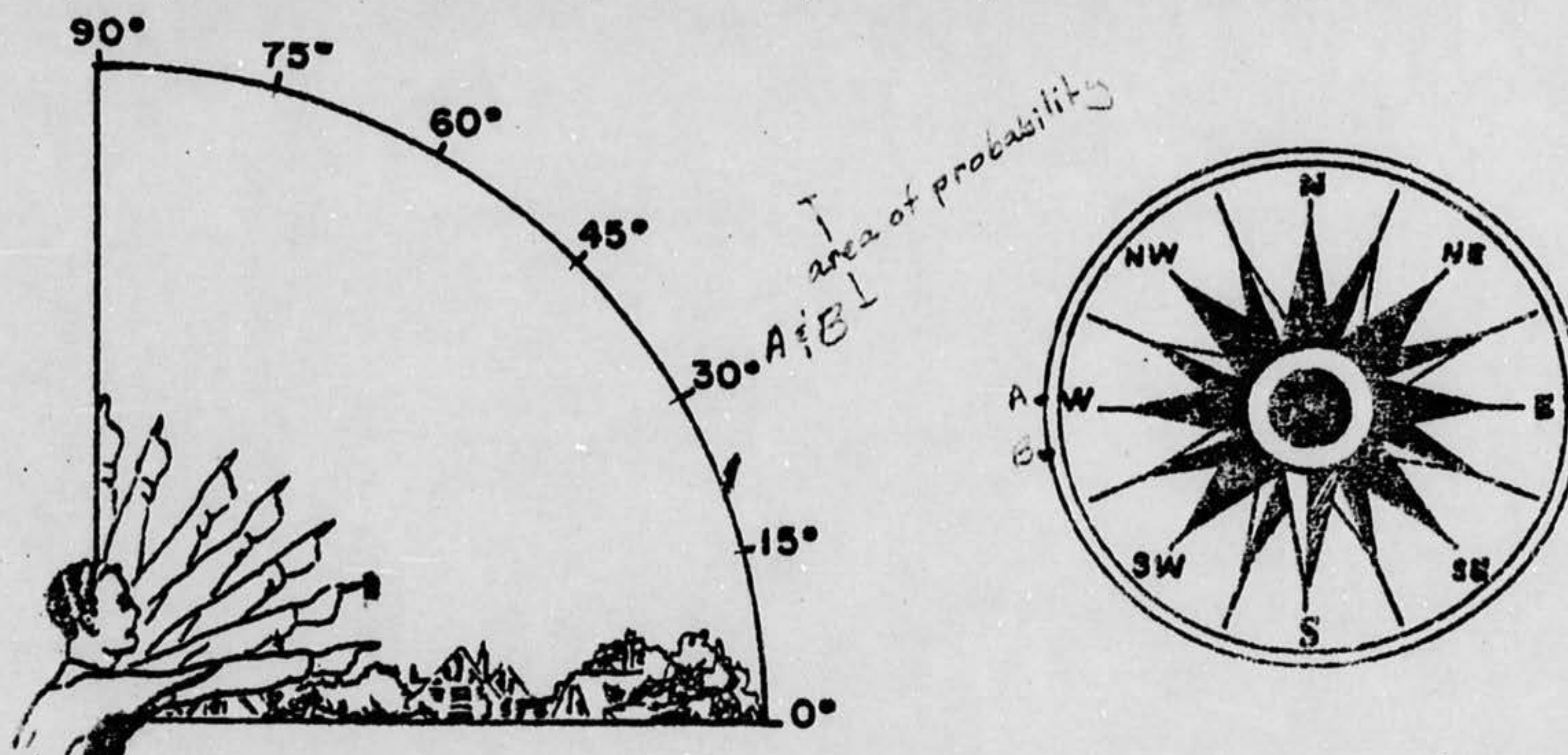
- |                 |     |    |                |     |    |
|-----------------|-----|----|----------------|-----|----|
| a. Eyeglasses   | Yes | No | e. Binoculars  | Yes | No |
| b. Sun glasses  | Yes | No | f. Telescope   | Yes | No |
| c. Windshield   | Yes | No | g. Theodolite  | Yes | No |
| d. Window glass | Yes | No | h. Other _____ |     |    |

26. In order that you can give as clear a picture as possible of what you saw, describe in your own words a common object or objects which, when placed up in the sky, would give the same appearance as the object which you saw.

*It had the same appearance as a medium bright star, though the "object" did not twinkle. Even through binoculars it appeared as a star. At first I thought it to be one of those stars in the group.*



27. In the following sketch, imagine that you are at the point shown. Place an "A" on the curved line to show how high the object was above the horizon (skyline) when you *first* saw it. Place a "B" on the same curved line to show how high the object was above the horizon (skyline) when you *last* saw it. Place an "A" on the compass when you *first* saw it. Place a "B" on the compass where you *last* saw the object.



28. Draw a picture that will show the motion that the object or objects made. Place an "A" at the beginning of the path, a "B" at the end of the path, and show any changes in direction during the course.



29. IF there was MORE THAN ONE object, then how many were there? \_\_\_\_\_  
Draw a picture of how they were arranged, and put an arrow to show the direction that they were traveling.